



IFW Receipt

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August 11, 2006

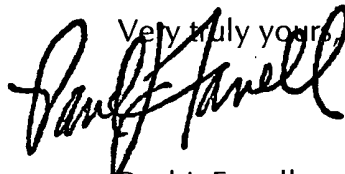
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: **REQUEST FOR CORRECTED FILING RECEIPT**
U.S. Patent Appln. Serial No. 10/534,143
Our Docket: 678-2053

Dear Sirs:

Attached is a copy of an Official Filing Receipt as received from the U.S. Patent and Trademark Office. Please issue a corrected Filing Receipt based on the changes thereon.

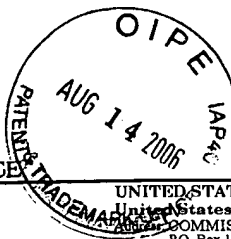
Thank you for your assistance.

Very truly yours,

Paul J. Farrell

PJF/WAG/ss
Enclosure



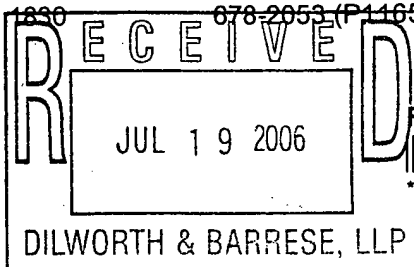
UNITED STATES PATENT AND TRADEMARK OFFICE



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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/534,143	06/21/2006	3662	1830	078-2053 (P11653)	28	11	7

48585
 DILWORTH & BARRESE, LLP
 333 EARLE OVINGTON BOULEVARD
 SUITE 702
 UNIONDALE, NY 11553



CONFIRMATION NO. 4832

FILING RECEIPT



OC000000019569972

Date Mailed: 07/12/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Hiroyuki Nagasaka, Kanagawa, JAPAN;

Power of Attorney: The patent practitioners associated with Customer Number ~~48585~~ 28249

Assignment for Published Patent Application

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/KR03/02530 11/21/2003

*Samsung Electronics Co., Ltd.,
 Suwon-si, Korea, Republic of*

Foreign Applications

JAPAN 2002-338204 11/21/2002

If Required, Foreign Filing License Granted: 07/11/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/534,143**

Projected Publication Date: 10/19/2006

Non-Publication Request: No

Early Publication Request: No

Title

Ultra wideband radio transmitter, ultra wideband radio receiver, and ultra wideband radio communication method

Preliminary Class

342

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR

1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

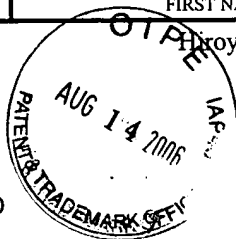


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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/534,143	Hiroyuki Nagasaka	678-2053 (P11653)

48585
 DILWORTH & BARRESE, LLP
 333 EARLE OVINGTON BOULEVARD
 SUITE 702
 UNIONDALE, NY 11553



INTERNATIONAL APPLICATION NO.	
PCT/KR03/02530	
I.A. FILING DATE	PRIORITY DATE
11/21/2003	11/21/2002

CONFIRMATION NO. 4832
 371 ACCEPTANCE LETTER



OC000000019569973

Date Mailed: 07/12/2006

NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<u>06/21/2006</u>	<u>06/21/2006</u>
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 05/09/2005
- Copy of the International Search Report filed on 05/09/2005
- Information Disclosure Statements filed on 05/05/2006
- Oath or Declaration filed on 06/21/2006
- Request for Immediate Examination filed on 05/09/2005
- U.S. Basic National Fees filed on 05/09/2005
- Specification filed on 05/09/2005
- Claims filed on 05/09/2005
- Abstracts filed on 05/09/2005
- Drawings filed on 05/09/2005

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)

Docket No. **678-2053 (P11653)**

PTO/SB/01 (6/95)

DECLARATION/POWER OF ATTORNEY**COPY**

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below), of the subject matter, which is claimed and for which a patent is sought on the invention entitled:

TITLE: ULTRA WIDEBAND RADIO TRANSMITTER, ULTRA WIDEBAND RADIO RECEIVER, AND ULTRA WIDEBAND RADIO COMMUNICATION METHOD

the specification of which either is attached hereto or indicates an attorney docket no. **678-2053 (P11653)** or: was filed in the ☐ U.S. Patent & Trademark Office on May 9, 2005 and assigned Serial No.: 19524 143 ☐ and (if applicable) was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information, which is material to patentability and to the examination of this application in accordance with Title 37 of the Code of Federal Regulations §1.56. I hereby claim foreign priority benefits under Title 35, U.S. Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, or §119(e) of any United States provisional application(s), listed below and have also identified below any foreign applications for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Priority Claimed:

2002-338204 JAPAN 21/11/2002
(Application Number) (Country) (Day/Month/Year filed)

Yes ☒ No ☐

(Application Number) (Country) (Day/Month/Year filed)

Yes ☐ No ☐

I hereby claim the benefit under Title 35, U.S. Code, §120, of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of Title 35, U.S. Code, §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, The Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT International filing date of this application:

PCT/KR03/002530 21/11/2003 PENDING
(Application Serial Number) (Filing Date) (STATUS: patented, pending, abandoned)

POWER OF ATTORNEY

I/we hereby revoke all previous Powers of Attorney in the above-identified application.

I/we hereby appoint the practitioners associated with Customer No. 28249 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to the address associated with Customer No. 28249.

DECLARATION

I HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST OR SOLE INVENTOR: NAGASAKA, Hirowaki

Citizenship: JAPAN

Inventor's signature: H. Nagasaka

Date: JUNE 1, 2006

Residence & Post Office Address: 2-2 Sugawara-cho, Tsurumi-ku Yokohama, Kanagawa 230-0027, Japan



Please recognize the following patent practitioners named in the Power of Attorney to be recognized by the Office as being of record in the application or patent to which the Power of Attorney is directed.

All patent practitioners associated with Customer No. 28249.